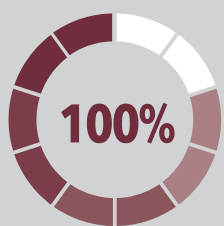




COMPUTER SCIENCE AND CYBER SECURITY



SUMMER INTERNSHIP
PLACEMENT

1:7

INSTRUCTOR:STUDENT
RATIO IN UPPER
DIVISION COURSES



2021 GRADS WITH
JOBS LINED UP
BEFORE GRADUATION

The mission of the Department of Mathematics and Computer Science is to serve the university by providing training in the development of computing skills among students and faculty and to support other curricula by providing foundational mathematics for students preparing for professional skills and graduate school. The department also seeks to prepare students in mathematics and computer science by sustaining an environment that stimulates and nourishes critical-thinking skills.

MAJOR OPTIONS:

- B.S. in Computer Science
- B.S. in Cybersecurity
- B.S. in Mathematics
- B.S. in Interactive Digital Design

WHAT MAKES THIS PROGRAM DIFFERENT FROM OTHER SCHOOLS?

Computer science classes are smaller in order to ensure a quality learning experience for each student. Students in this field will spend time in internships that will grow their knowledge and allow them to make connections with other professionals in their field of interest. Through one-on-one instruction from professors, each student will be able to hone his or her skills to prepare for their career following graduation.

With course emphasis split 70% practical and 30% theoretical, students experience many hours of hands-on learning with professors who constantly strive to push them toward their employment goals. Our students develop apps for their capstone course and present them to real clients!

EMPLOYMENT OPPORTUNITIES

Cybersecurity
Software Development
Interactive Digital Design
Database Administration

Computer Systems Analytics
Computer Network Architecture
Web Development

EXAMPLES OF REQUIRED COURSES:

- Computer Programming 1 & 2
- Data Structures
- Database Systems
- Computer Networks

OTHER INFO

Our campus houses a wing specifically designed for our computer science students. This area includes The Cyber Range, Creator's Lounge and Coding Lab. The Creators Lounge is a space for making and learning. There's a 3D printer, VR headsets, and a recording studio. This space provides students a comfortable study space and specialized equipment for exploring creative pursuits.

The Coding Lab is a modern, fully equipped classroom designed for teaching and learning software development.

The Cyber Range is a space designed to support the needs of cybersecurity students. The room houses equipment to support specialized aspects of cybersecurity including ethical hacking, intrusions detection, and computer forensics.

